

**CITATION SEARCH IN EAST FROM PN 5486158 - Grooved hydrocolloidal dressing**

(US-5704905-\$ or US-4612230-\$).did. or (US-4999235-\$).did.

**INVENTOR SEARCH RESULTS:**

? **ds**

Set	Items	Description
S1	295	AU=(KASE, K? OR KASE K?)
S2	25622	BANDAG? OR GAUZE? ? OR BANDAID? OR BAND() AID?
S3	0	S1 AND S2
S4	45998	(DRESSING OR ADHES? OR BODY) (3N) TAPE? ?
S5	6	S1 AND S4
S6	6	RD (unique items)

? **show files**

File 350:Derwent WPIX 1963-2010/UD=201053  
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File 65:Inside Conferences 1993-2010/Aug 20  
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File 35:Dissertation Abs Online 1861-2010/Jul  
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6/25/2 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015961724 *Drawing available*

WPI Acc no: 2006-493392/200650

XRAM Acc no: C2006-154378

XRPX Acc No: N2006-398323

**Body sticking tape for promoting air permeability of skin, has recessed grooves with stepwise different lengths arranged in pattern row, in which lengths are gradually increased and decreased alternately**

Patent Assignee: KINESHIO CO LTD (KINE-N); KINESHIO KK (KINE-N); KINESIO IP LLC (KINE-N)

Inventor: **KASE K**

Patent Family ( 10 patents, 111 countries )				
Patent Number	Kind	Date	Update	Type
WO 2006067876	A1	20060629	200650	B
JP 2006175093	A	20060706	200650	E
JP 3819016	B2	20060906	200659	E
EP 1716829	A1	20061102	200672	E
KR 2007004614	A	20070109	200755	E
CN 101080207	A	20071128	200826	E
US 20080154169	A1	20080626	200844	E
KR 802172	B1	20080212	200862	E
TW 200621323	A	20060701	200950	E
CN 100594864	C	20100324	201029	E

Local Applications (no., kind, date): WO 2005JP9272 A 20050520; JP 2004372719 A 20041224; JP 2004372719 A 20041224; EP 2005740981 A 20050520; WO 2005JP9272 A 20050520; WO 2005JP9272 A 20050520; KR 2006715534 A 20060731; CN 200580036741 A 20050520; WO 2005JP9272 A 20050520; WO 2005JP9272 A 20050520; US 2006588854 A 20060809; WO 2005JP9272 A 20050520; KR 2006715534 A 20060731 ; TW 2005145835 A 20051222; CN 200580036741 A 20050520

Priority Applications (no., kind, date): JP 2004372719 A 20041224

#### **Alerting Abstract WO A1**

**NOVELTY** - The **body sticking tape** (1) comprises extensible base material(s) and adhesive agent layer (11) formed on surface of base material. The tape has several recessed grooves (111) extending in tape lateral direction (W). A group of recessed grooves with stepwise different lengths are arranged in a pattern row (G1), in which the lengths are gradually increased and decreased alternately in tape longitudinal direction.

**DESCRIPTION** - The **body sticking tape** (1) comprises extensible base material(s) and adhesive agent layer (11) formed on surface of base material. The tape has several recessed grooves (111) extending in tape lateral direction (W), arranged at intervals in the tape longitudinal direction (L). A group of recessed grooves with stepwise different lengths are arranged in a pattern row (G1), in which the lengths are gradually increased and decreased alternately in tape longitudinal direction.

**USE** - For promoting air permeability of skin, for distortion correction of circulatory system, massage point stimulation, slimming, functional recovery of bone and joint, body heat protection, body protection, for treating pain, inflammation, etc., and for cosmetic treatment.

**ADVANTAGE** - The **body sticking tape** has improved permeability, and is capable of imparting desired stimulation to the skin.

**DESCRIPTION OF DRAWINGS** - The figure shows the partial front view of **body sticking tape** from backside.

**1 body sticking tape**

11 adhesive agent layer  
 111 recessed grooves  
 G1 pattern row  
 L tape longitudinal direction  
 W tape lateral direction

**Dialog eLink: Order File History**

6/25/3 (Item 3 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0014962319 *Drawing available*  
 WPI Acc no: 2005-310111/200532  
 XRAM Acc no: C2005-096370  
 XRPX Acc No: N2005-253542

**Adhesive tape for adhering to body for providing deodorizing effect, consists of pressure-sensitive adhesive layer integrally formed on elastic base fabric whose surface is adhered with silver powder as deodorizing material**

Patent Assignee: KINESHIO KK (KINE-N)  
 Inventor: KASE K

Patent Family ( 1 patents, 1 countries )				
Patent Number	Kind	Date	Update	Type
JP 2005095203	A	20050414	200532	B

Local Applications (no., kind, date): JP 2003329413 A 20030922

Priority Applications (no., kind, date): JP 2003329413 A 20030922

**Alerting Abstract JP A**

NOVELTY - An **adhesive tape** consists of pressure-sensitive adhesive layer (4) integrally formed on an elastic base fabric (2). The surface of elastic base fabric is adhered with silver powder as deodorizing material (3).

DESCRIPTION - An INDEPENDENT CLAIM is included for manufacture of **adhesive tape**.

USE - For adhering to body for providing deodorizing and bactericidal effects, especially used by sport person.

ADVANTAGE - The **adhesive tape** has favorable deodorizing property and sterilization property, by using silver powder as deodorizing material. The putrefactive smell by reproduction of bacteria is effectively suppressed. The contact area of perspiration of **adhesive tape** is enlarged, hence the sweat smell is suppressed.

DESCRIPTION OF DRAWINGS - The figure shows the side view of principal portion of **adhesive tape**.

**1 adhesive tape**

2 base fabric

3 deodorizing material (silver powder)

4 pressure-sensitive adhesive layer

5 model paper

**Dialog eLink: Order File History**

6/25/4 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010343331 *Drawing available*

WPI Acc no: 2000-658665/200064

XRAM Acc no: C2000-199670

XRPX Acc No: N2000-488291

**Adhesive tape for skin, has binding material layers containing fats and oils, intermittently formed in the cloth exposure part existing between each layer, in the undersurface of a base fabric**

Patent Assignee: KINESHIO KK (KINE-N)

Inventor: KASE K

Patent Family ( 1 patents, 1 countries )				
Patent Number	Kind	Date	Update	Type
JP 2000245771	A	20000912	200064	B

Local Applications (no., kind, date): JP  
199949583 A 19990226

Priority Applications (no., kind, date):

JP 199949583 A 19990226

**Alerting Abstract JP A**

**NOVELTY** - An **adhesive tape** (1) has elastic binding material layers (7) intermittently formed in the cloth exposure part (8) existing between each layer, in the undersurface of a base fabric (2). An elastic thread (5) forms the warp (3) and/or weft (6) of the **adhesive tape**. The binding material layer contains fats and oils for maintaining the softness of the binding material.

**DESCRIPTION** - An INDEPENDENT CLAIM is also included for a skin attachment sheet which is obtained by cutting the **adhesive tape** in desired shape, which has a model paper (9) pasted on the elastic binding material layer, in rectangular shape. The sheet has many pieces formed along the notch line which follows the warp.

**USE** - For face, leg.

**ADVANTAGE** - The **adhesive tape** improves the blood circulation of skin without impairing the softness of skin. Generation of wrinkles is reduced and the odor caused to skin by the adhesive property, is prevented.

**DESCRIPTION OF DRAWINGS** - The figure shows the vertical front view of **adhesive tape**.

1 **Adhesive tape**

2 Base fabric

3 Warp

5 Flexible thread

6 Weft

7 Elastic binding material layer

8 Cloth exposure part

9 Model paper

**Dialog eLink: Order File History**

6/25/6 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0008635319

WPI Acc no: 1998-172583/199816

XRAM Acc no: C1998-055231

XRPX Acc No: N1998-137297

**Body adhesive tape, resistant to detachment even in sports - adhesive layer is formed on one side of substrate as two or more parallel strips arranged at a specified interval and waved alternately to right and left in longitudinal direction of tape**

Patent Assignee: KINESHIO CO LTD (KINE-N); KINESHIO KK (KINE-N)

Inventor: KASE K

Patent Family ( 2 patents, 2 countries )				
Patent Number	Kind	Date	Update	Type
JP 10033741	A	19980210	199816	B
US 5861348	A	19990119	199911	E

Local Applications (no., kind, date): JP 1996210469 A 19960723; US 1996716572 A 19960919

Priority Applications (no., kind, date): JP 1996210469 A 19960723

#### Alerting Abstract JP A

A body adhesive tape uses a woven fabric composed of a warp yarn formed by twisting a stretchable yarn and an ordinary fibre and a weft yarn consisting of an ordinary yarn as a substrate. An adhesive layer is formed on one side of the substrate in the form two or more parallel strips arranged at a specified interval and waved alternately to the right and left in the longitudinal direction of the tape. The portions of the fabric on which the layers are formed is air-impermeable, and the portions between the layers retain air permeability due to woven clearances. Pref. the fabric is made water-repellent.

USE - The tape is typically used as a supporter in sports.

ADVANTAGE - The tape is highly resistant to detachment even when the user sweats in sports, is mild to the skin, follows tensile force applied in two or more changing directions owing to the waved form and has high air permeability. The adhesive layer can be easily and freely formed with a roller at low costs.

#### NPL BIBLIO SEARCH RESULTS:

? ds

Set	Items	Description
S1	487807	BANDAG? OR PLASTER OR DRESSING OR GAUZE? ? OR TAPE? ? OR BANDAID? OR BAND()AID? ? OR FOMENTATION? ? OR POULTIC? OR COMPRESS
S2	6194741	STRETCH? OR ELASTIC? OR EXPAND? OR EXPANS? OR STRING?() OUT OR EXTENT OR EXTENSIBLE OR EXTENSILE OR FLEXIBLE
S3	8648071	ADHESI? OR STICK? OR CLING? OR BOND? OR BIND? OR ATTACH? OR GLUE? OR GLUING OR TACK? OR AFFIX?
S4	3938043	GROOVE? ? OR INDENTATION? ? OR CHANNEL? ? OR CREAS? OR FURROW? ? OR DEPRESSION? ? OR TRENCH?
S5	515380	RECTILINEAR? OR STRAIGHT()LINE? ? OR ALIGNED OR IN()(LINE OR ROW)
S6	30762283	PLURAL? OR MULTI? OR MANY OR SEVERAL OR ASSORTED OR COLLECTIVE OR MIX? OR NUMEROUS OR VARIOUS
S7	359565	S4(5N)S6
S8	7927	S3(5N) (S5 OR S7)
S9	29272	S1(S)S2
S10	97	S1(S)S8
S11	14	S9 AND S10
S12	11	RD (unique items)
S13	83	S10 NOT S11
S14	10	S13/2005:2010
S15	73	S13 NOT S14
S16	61	RD (unique items)

S17 97 S1(S)S3(S)S8  
S18 10 S17 NOT (S11 OR S15)  
S19 4 RD (unique items)  
S20 34359 (BODY OR BODIES OR SKIN? ? OR CUTANEOUS?) (S)S1  
S21 1 S20(5N)S8  
S22 24 S20(5N)S7  
S23 14 RD (unique items)  
S24 66846 S1(S)S2:S3  
S25 8728 S24 AND S20  
S26 22 S25(S)S7  
S27 14 RD (unique items)  
S28 9 S27 NOT (S17 OR S22)  
S29 978 (GROOVE? OR RECESSED OR INDENT?) (5N) S1  
S31 167 S29 AND S3  
S32 26 S30(S)S31  
S33 23 RD (unique items)  
S34 21 S33 NOT (S17 OR S22 OR S26)

? show files

SYSTEM:OS - DIALOG OneSearch

File 155: MEDLINE(R) 1950-2010/Aug 20  
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File 5: Biosis Previews(R) 1926-2010/Aug W3  
(c) 2010 The Thomson Corporation

File 972: EMBASE 1947-2010/Aug 23  
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\*File 972: The archive of Medline derived records was added to Embase.

File 8: Ei Compendex(R) 1884-2010/Aug W2  
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\*File 136: This file is closed.

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File 24: CSA Life Sciences Abstracts 1966-2010/Jul  
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File 23: CSA Technology Research Database 1963-2010/Jun  
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File 315: ChemEng & Biotec Abs 1970-2010/Aug  
(c) 2010 DECHEMA

\*File 315: December 2007 - the reloaded database is now online. Please consult the updated Bluesheet for details on new and changed fields.

File 357: Derwent Biotech Res. \_1982-2010/Jul W2  
(c) 2010 Thomson Reuters

File 71: ELSEVIER BIOBASE 1994-2010/Aug W4  
(c) 2010 Elsevier B.V.

File 369: NEW SCIENTIST 1994-2010/JAN W5  
(c) 2010 REED BUSINESS INFORMATION LTD.

\*File 369: This file is closed and will no longer update.

File 74:Int.Phrm.Abs 1970-2010/Jul B2  
(c) 2010 The Thomson Corporation

\*File 74: May 2010: Despite the gap in UDs, the file is complete and up to date.

28/3,K/4 (Item 1 from file: 23)

DIALOG(R)File 23: CSA Technology Research Database  
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0010801308 IP Accession No: 200811-71-2133907; 200811-61-2236961; 20082075051; A08-99-2178549

**Safety disposable infusion set**

Chen, Shih-Shuan , USA

**Publisher Url:** [http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht\\_ml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=53 54281.PN.&OS=pn/5354281&RS=PN/5354281](http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht_ml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=53 54281.PN.&OS=pn/5354281&RS=PN/5354281)

**Document Type:** Patent

**Record Type:** Abstract

**Language:** English

**File Segment:** Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

**Abstract:**

...infusion set includes: an infusion needle having a wing portion adhered onto a patient's **skin** such as by an **adhesive tape** and having a plurality of longitudinal extensions juxtapositionally formed on a bottom portion of the... ...sleeve and formed on a front portion of a carrying base plate which includes a **plurality** of longitudinal **grooves** juxtapositionally recessed in the base plate for engaging the plurality of longitudinal extensions of the...

28/3,K/6 (Item 3 from file: 23)

DIALOG(R)File 23: CSA Technology Research Database  
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0009789762 IP Accession No: 200808-71-1048210; 200808-61-1149554; 20081009942; A08-99-1113084

**Grooved hydrocolloidal dressing**

Samuelson, Peter B , USA

**Publisher Url:** [http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht\\_ml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=54 86158.PN.&OS=pn/5486158&RS=PN/5486158](http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht_ml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=54 86158.PN.&OS=pn/5486158&RS=PN/5486158)

**Document Type:** Patent

**Record Type:** Abstract

**Language:** English

**File Segment:** Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

**Abstract:**

A **skin**-friendly **dressing** which has a high moisture absorbing capacity, a high degree of flexibility and good integrity. The **dressing** includes a moisture-absorbing **adhesive** sheet to be adhered to the **skin** and mucous membranes, with a layer of water swellable colloid which is dispersed in or mixed with a water insoluble viscous elastomer **binder** and, if desired, usual auxiliary materials. The **adhesive** sheet at one outwardly directed surface is firmly connected to a non-**adhesive** water impervious cover layer, and at the other, against-the-**skin** or mucous-membrane directed surface of the **adhesive** sheet, a removable protecting sheet. The **adhesive** sheet is provided with one or **several grooves** or ditches that fully or partly surround a central part of the **adhesive** sheet.

10/3,K/9 (Item 3 from file: 23)

DIALOG(R)File 23: CSA Technology Research Database

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0012097734 IP Accession No: 200905-71-1007228; 200905-61-1026438; 20090992429; A09-99-0992971

**Surgical Wound Closure Tape**

Regula, Donald William; Liland, Alfred , Canada

**Publisher Url:**

<http://patents.ic.gc.ca/cipo/cpd/en/patent/1265400/summary.html>

**Document Type:** Patent

**Record Type:** Abstract

**Language:** English

**File Segment:** Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

**Abstract:**

A wound closure tape of a substrate and a pressure sensitive **adhesive**. The substrate has a specific pattern of **indentations** which provide the **tape** with improved **elastic** properties, excellent drape and desired abrasion and tensile properties.

**Descriptors:** Abrasion resistance; Abrasion; **Elastic** constants; Tensile properties ; Indentation; Pressure sensitive **adhesives**; Drape

**Identifiers:**

## PATENT SEARCH RESULTS:

? ds

Set	Items	Description
S1	819301	BANDAG? OR PLASTER OR DRESSING OR GAUZE? ? OR TAPE? ? OR BANDAID? OR BAND()AID? ? OR FOMENTATION? ? OR POULTIC? OR COMPRESS
S2	2429068	STRETCH? OR ELASTIC? OR EXPAND? OR EXPANS? OR STRING?() OUT OR EXTENT OR EXTENSIBLE OR EXTENSILE OR FLEXIBLE
S3	4393791	ADHESI? OR STICK? OR CLING? OR BOND? OR BIND? OR ATTACH? OR GLUE? OR GLUING OR TACK? OR AFFIX?
S4	2110384	GROOVE? ? OR INDENTATION? ? OR CHANNEL? ? OR CREAS? OR FUR-ROW? ? OR DEPRESSION? ? OR TRENCH?
S5	504499	RECTILINEAR? OR STRAIGHT()LINE? ? OR ALIGNED OR IN()(LINE - OR ROW)
S6	8136177	PLURAL? OR MULTI? OR MANY OR SEVERAL OR ASSORTED OR COLLEC-TIVE OR MIX? OR NUMEROUS OR VARIOUS
S7	21030	S1(15N)S4
S8	2782	S7(S)S2
S9	4921	S7(S)S3
S10	817	S8 AND S9
S11	90232	(BODY OR BODIES OR SKIN? ? OR CUTANEOUS?) (S)S1
S12	253	S10(S)S11
S13	48192	S5(10N)S6
S14	0	S12(S)S13
S15	3	S12(10N)S5
S16	293418	S4(10N)S6
S17	28671	S3(10N) (S5 OR S16)
S18	395	S11(10N)S16
S19	131	S11(10N)S17
S20	42	S18(S)S19
S21	12921	(GROOVE? OR RECESSED OR INDENT?) (10N)S1
S22	723	S21(10N)S16
S23	90	S21(10N)S17
S24	84	S22 AND S23
S25	64	S24 NOT S20
S26	2	(MEDICAL OR THERAP? OR RELIEF? OR PAIN? ? OR INFLAMMAT? OR PHARMA? OR MEDICINE) (S) S25

? show files

File 350:Derwent WPIX 1963-2010/UD=201053  
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 File 347:JAPIO Dec 1976-2010/Apr (Updated 100726)  
 (c) 2010 JPO & JAPIO

15/25/2 (Item 2 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0016798331 *Drawing available*  
 WPI Acc no: 2007-513393/200750  
 XRAM Acc no: C2007-189110  
 XRPX Acc No: N2007-392911

**Disposable bandage for covering wounds on skin surface, comprises dome structure including pleats; and gasket of stretchable material, extending around an underside surface of dome structure**

Patent Assignee: BIOSARA CORP (BIOS-N); ZOCHER M (ZOCH-I)

Inventor: ZOCHER M

Patent Family ( 4 patents, 116 countries )				
Patent Number	Kind	Date	Update	Type
US 20070149910	A1	20070628	200750	B
WO 2007073504	A2	20070628	200750	E
WO 2007073504	A9	20071025	200771	E
US 7605299	B2	20091020	200969	E

Local Applications (no., kind, date): US 2005318362 A 20051223; WO 2006US49126 A 20061221; WO 2006US49126 A 20061221; US 2005318362 A 20051223

Priority Applications (no., kind, date): US 2005318362 A 20051223

**Alerting Abstract US A1**

**NOVELTY** - A disposable bandage comprises a rectilinear-shaped dome structure (114) laterally attached to two fastener portions (110, 112), and including vertical pleats (128); and a gasket (116) of a stretchable material, extending around an underside surface of dome structure. The gasket is held in contact with a user's skin surface when self adhesive of fastener portions are removably adhered to the skin. When the fastener portions are moved away from each other, the pleats are unfolded, the gasket material is stretched, and the stretched gasket material remains in contact with the skin surface.

**DESCRIPTION** - A disposable bandage comprises a first fastener portion (110) having an underside surface provided with a self adhesive; a second fastener portion (112) having an underside surface provided with a self adhesive; a rectilinear-shaped dome structure (114) coupled to the two fastener portions along edges of the dome structure, and including pleats (128) that extend across the dome structure from a top edge of dome structure to a bottom edge of dome structure; and a gasket (116) of a stretchable material, extending around an underside surface of the dome structure. The gasket is held in contact with a user's skin surface when the self adhesive of the fastener portions are removably adhered to the skin. When the two fastener portions are moved away from each other, the pleats are unfolded, the gasket material is stretched, and the stretched gasket material remains in contact with the skin surface. The dome structure is constructed from a thin rigid material. The dome structure is preferably constructed from a vapor permeable material, a clear material, or a material that changes appearance to indicate infection at wound site. The dome structure preferably includes an additive that promotes healing and reduces infection. The dome structure or gasket, preferably includes a health-promoting substance.

**USE** - For covering a wound area of a skin surface (claimed); useful for protecting wounds, cuts, incisions, abrasions and injuries to the skin, from dirt and contaminants.

**ADVANTAGE** - The disposable bandage accommodates limb and joint movement, and serves as a shield for the wound area on skin surface. When the adhesive portions of the bandage are pressed taut to the skin, the gasket is pressed against the skin, and the gasket

provides a sterile seal against the passage of liquid, dirt and contaminants to the wound area. When the bandage is placed on the skin, the pleats allow the dome structure to expand and flex with movement of limbs and joints, while maintaining adhesion of fastener portions to the skin. Consequently, the placement of bandage on the skin is maintained, and the sterile environment provided by the gasket seal is maintained. Thus, the bandage promotes healing of the wound area by providing sterile environment around the wound area, and by protecting the wound area from physical impact and abrasions caused during everyday activities. The dome structure constructed from vapor permeable material facilitates the flow of air to the skin surface of wound area. The dome structure constructed from clear material allows viewing of the wound site.

**DESCRIPTION OF DRAWINGS** - The figure shows a top view of a disposable bandage in its deployed state.

110 first fastener portion  
112 second fastener portion  
114 dome structure  
116 gasket  
128 pleats.

20/25/19 (Item 19 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015961724 *Drawing available*  
WPI Acc no: 2006-493392/200650  
XRAM Acc no: C2006-154378  
XRPX Acc No: N2006-398323

**Body sticking tape for promoting air permeability of skin, has recessed grooves with stepwise different lengths arranged in pattern row, in which lengths are gradually increased and decreased alternately**

Patent Assignee: KINESHIO CO LTD (KINE-N); KINESHIO KK (KINE-N); KINESIO IP LLC (KINE-N)

Inventor: KASE K

Patent Family ( 10 patents, 111 countries )				
Patent Number	Kind	Date	Update	Type
WO 2006067876	A1	20060629	200650	B
JP 2006175093	A	20060706	200650	E
JP 3819016	B2	20060906	200659	E
EP 1716829	A1	20061102	200672	E
KR 2007004614	A	20070109	200755	E
CN 101080207	A	20071128	200826	E
US 20080154169	A1	20080626	200844	E
KR 802172	B1	20080212	200862	E
TW 200621323	A	20060701	200950	E
CN 100594864	C	20100324	201029	E

Local Applications (no., kind, date): WO 2005JP9272 A 20050520; JP 2004372719 A 20041224; JP 2004372719 A 20041224; EP 2005740981 A 20050520; WO 2005JP9272 A 20050520; WO 2005JP9272 A 20050520; KR 2006715534 A 20060731; CN 200580036741 A 20050520; WO 2005JP9272 A 20050520; WO 2005JP9272 A 20050520; US 2006588854 A 20060809; WO 2005JP9272 A 20050520; KR 2006715534 A 20060731 ; TW 2005145835 A 20051222; CN 200580036741 A 20050520

Priority Applications (no., kind, date): JP 2004372719 A 20041224

#### **Alerting Abstract WO A1**

**NOVELTY** - The body sticking tape (1) comprises extensible base material(s) and adhesive agent layer (11) formed on surface of base material. The tape has several recessed grooves (111) extending in tape lateral direction (W). A group of recessed grooves with stepwise different lengths are arranged in a pattern row (G1), in which the lengths are gradually increased and decreased alternately in tape longitudinal direction.

**DESCRIPTION** - The body sticking tape (1) comprises extensible base material(s) and adhesive agent layer (11) formed on surface of base material. The tape has several recessed grooves (111) extending in tape lateral direction (W), arranged at intervals in the tape longitudinal direction (L). A group of recessed grooves with stepwise different lengths are arranged in a pattern row (G1), in which the lengths are gradually increased and decreased alternately in tape longitudinal direction.

**USE** - For promoting air permeability of skin, for distortion correction of circulatory system, massage point stimulation, slimming, functional recovery of bone and joint, body heat protection, body protection, for treating pain, inflammation, etc., and for cosmetic treatment.

**ADVANTAGE** - The body sticking tape has improved permeability, and is capable of imparting desired stimulation to the skin.

**DESCRIPTION OF DRAWINGS** - The figure shows the partial front view of body sticking tape from backside.

1 body sticking tape

11 adhesive agent layer  
111 recessed grooves  
G1 pattern row  
L tape longitudinal direction  
W tape lateral direction